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PATENT APPLICATION  
Docket No. SPC89-05

#12  
125  
12/5/91

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Timothy J. Barberich and James W. Young

Serial No.: 07/461,262

Group Art Unit: 125

Filed: January 5, 1990

Examiner: L. Schenkman

Title: METHOD FOR TREATING ASTHMA USING OPTICALLY  
PURE R(-) ALBUTEROL

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being  
deposited with the United States Postal Service as First  
Class Mail in an envelope addressed to Honorable  
Commissioner of Patents and Trademarks, Washington,  
D.C. 20231 on 9/25/91  
Hamilton, Brook, Smith & Reynolds, P.C.

B. J. Harris  
Signature

9/25/91  
Date

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GROUP 120

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

The Honorable Commissioner  
of Patents and Trademarks  
Washington, D. C. 20231

Sir:

Pursuant to 37 C.F.R. 1.56 and 1.97-1.99, the  
following listed item is cited to the Examiner as being  
information which, in the good faith judgment of the  
Applicants and the undersigned Agent, is relevant to the  
subject matter claimed in the above-identified

Application. The following listed item has come to Applicants' attention since the Information Disclosure Statement of December 20, 1990 was mailed to the Patent Office.

As required by 37 C.F.R. 1.98, each item below is followed by a "concise explanation" of its possible relevance. The comments are an introduction intended to help the Examiner place each item in context. They are not represented or intended to be comprehensive summaries.

AV Tan et al., J. Chromatography 422, 187-95 (1987)

The authors describe measurements of the amounts of the R(-) and S(+) enantiomers of salbutamol in human urine following oral or intravenous administration of the racemic mixture. The studies show that the S(+) enantiomer is more rapidly excreted than the more active R(-) enantiomer by the renal route.

The reference is listed on the attached PTO Form 1449 and a copy is included for the Examiner's consideration.

Respectfully submitted,

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Dated: September 25, 1991